

STATE OF SOUTH AUSTRALIA.Rural Production, 1951-52:

This Bulletin repeats, with some minor corrections, the principal statistics relating to cereals and livestock recently published in Bulletins 7 and 11 and gives data concerning other crops, exports, manures used, implements, employment, etc. some items being provisional. Particulars of varieties of wheat, barley and oats were published in Bulletin 8.

In the various tables in this bulletin, production results of the year 1951-52 are compared with the same results of the previous 2 years and of the pre-war year 1938/39. In the text, figures for 1950-51 are shown in parentheses.

I. AREAS UNDER CROP

Particulars	1938-39	1949-50	1950-51	1951-52
	Acres	Acres	Acres	Acres
Wheat for Grain	3,080,401	1,896,324	1,847,791	1,613,126
Barley for Grain	457,039	693,758	764,862	831,613
Oats for Grain	266,842	261,416	271,396	387,377
Rye for Grain	5,273	39,537	34,616	45,043
Peas - Field	16,570	16,545	16,126	18,232
Lucerne, Clover etc. Seed	2,342	27,896	22,289	20,644
Flax	4	1,753	1,198	1,626
Linseed	-	3,737	8,161	4,853
Hay	519,309	294,590	260,856	257,005
Green Fodder	276,021	277,971	341,269	386,940
Vines Wine (b)	36,457	47,965	46,258	47,539
Drying, Table (b)	21,563	12,288	15,713	13,675
Orchards	28,943	c 26,858	28,686	29,375
Vegetables - Potatoes	4,290	7,245	6,969	6,971
Other Domestic	5,446	8,995	9,691	9,421
Nurseries	177	136	131	153
Chicory	31	112	95	68
Canary Seed	3,076	70	144	10
Other (a)	306	56	79	39
TOTAL CROPS	4,724,090	3,617,252	3,676,330	3,673,710

- (a) Includes Vegetable Seeds, Herbs, Sunflower, Safflower, etc.
 (b) According to purpose for which grapes used during year.
 (c) Private orchards and those not now worked have been omitted.

Vegetables for 1951-52 (1950-51) include Green Peas 4,189 (4,608) Turnips and Swedes 346 (362) Carrots 260 (275) Onions 620 (506) Pumpkins, Triambles etc. 811 (740), Tomatoes 758 (656), Cabbages 402 (366) Cauliflowers 443 (462), French Beans 282 (319), Beetroot 167 (190) Lettuce 289 (298), Celery 391 (396) acres. Cucumbers 67 (38), Rhubarb 94 (88).acres.

NUMBERS OF HOLDINGS ON WHICH CROPS GROWN. Cereal Crops of 20 acres or more were counted and there were 8,345 wheat; 6,203 barley and 4,420 oats. Crops of 1 acre and over were:- 1,175 orchards of citrus fruits; 2,809 orchards of other fruit trees; 2,932 vineyards; 988 crops of potatoes and 208 of onions.

II. LAND UTILIZATION

In addition to the area under crop of 3,693,710 (3,676,330) acres, there were 1,222,482 (1,310,812) acres under fallow, 129,608 (135,152) of lucerne for grazing and 1,028,440 (930,571) of clover and grasses other than native grasses.

III. YIELDS OF CROPS

Particulars		1938-39	1949-50	1950-51	1951-52
Wheat	Bush.	31,674,418	28,350,860	30,936,044	27,300,839
Barley	"	7,541,090	12,725,240	16,727,030	16,825,996
Oats	"	2,401,128	3,463,997	3,533,333	5,404,927
Rye	"	18,469	220,339	146,934	206,534
Peas - Field	"	96,329	164,104	241,995	286,080
Hay	Tons	585,554	384,604	362,162	379,978
Seeds (Clover etc)	Cwt.	2,967	29,643	24,669	19,897
Potatoes	Tons	18,487	40,984	35,955	43,898
Onions	"	3,892	4,607	5,242	6,302
Tomatoes	Bush	226,691	316,694	273,943	337,744
Green Peas	"	97,918	255,620	221,871 ^a	213,012 ^a
Carrots	Tons	1,117	2,788	2,612	3,423
Wine	Gall	11,147,046	24,977,313	19,714,846	26,800,726
Currants	Cwt.	191,381	84,881	116,608	94,604
Sultanas	"	192,926	108,735	127,600	142,281
Raisins	"	40,212	9,166	29,802	17,703
Apples	Bush.	808,020	663,450	399,431	1,249,816
Apricots	"	343,569	428,808	499,170	507,340
Peaches	"	149,602	137,074	177,898	157,309
Pears	"	195,995	206,151	227,692	281,771
Plums, Prunes	"	134,030	110,744	114,890	129,393
Oranges	"	815,460	1,103,185	1,234,213	856,536
Lemons	"	55,862	56,974	62,795	50,686
Almonds	Cwt.	9,994	17,937	16,822	9,853

a. Excluding 1,287,862 (1,151,042) lbs. of canning (shelled) peas.

		YIELDS PER ACRE			
Wheat	Bush	10.28	14.95	16.74	16.92
Barley	"	16.50	18.34	21.87	20.23
Oats	"	9.00	13.25	13.02	13.87
Hay	Tons	1.13	1.31	1.39	1.48
April-Nov. Rain	Inch	10.00	12.18	11.21	16.10

Other Vegetable Yields for 1951-52 (1950-51) included - Parsnips 698 (899) tons, Swedes and Turnips 2,722 (2,286) tons; Beetroot 1,964 (1,715) tons; Pumpkins, Triambles etc. 4,958 (4,017) tons; French Beans 64,996 (67,021) bushels; Broad Beans 5,737 (7,569) bushels, Cauliflowers 154,912 (159,597) dozen; Cabbages 195,265 (185,292) dozen, Lettuce 159,801 (169,716) cases, Celery 201,600 (222,962) crates; Silver Beet 15,781 (29,071) dozen bunches; Rhubarb 517 (422) tons, cucumbers 54,529 (33,839) half cases.

Other Fruit yields for 1951-52 (1950-51) included Cherries 51,479 (54,542), Figs 22,237 (20,195), Nectarines 19,710 (22,668), Grape Fruit 33,182 (33,730), Quinces 24,429 (14,083), Loquats 1,306 (1,939), bushels, Walnuts 591 (1,072) cwts.

Berry Fruits were:- Raspberries 735 (620), Strawberries 480 (651), Black and Red Currants 302 (389), Other 711 (589) cwts.

Oranges were specified as Navel 552,257 (830,366), Valencia 239,625 (313,543), Seville and Poorman 7,084 (9,004), Mandarins 24,743 (30,554), Other seeded types 32,827 (50,746) bushels.

Plums were 62,052 (35,911) and prunes 67,341 (78,979) bushels.

ENSILAGE made 8,234 (3,842) tons.

RECORD YIELDS. Records have been as follows:- Wheat 1931-32 48,093,102 bushels, Barley 16,825,996, Oats 1951-52 5,404,927 bushels, Wine 1951-52 26,800,726 gallons, Currants 1943-44 209,140 cwt., Sultanas 1943-44 333,300 cwt., Raisins 1940-41 89,557 cwt. Apples 1940-41 1,750,000 bushels, Oranges 1950-51 1,234,213 bushels, Pears 1948-49 310,860 bushels, Almonds 1949-50 17,937 cwt., Apricots 1943-44 551,734 bushels.

(a) 1951-52.

IV. OVERSEA EXPORTS (Years ended June)

Products		1938-39	1949-50	1950-51	1951-52
Barley	Bush.	2,248,212	8,666,232	9,851,926	10,354,042
Wheat	Bush.	18,486,303	9,855,742	15,197,392	16,522,333
Flour	Tons	86,676	92,016	128,817	115,199
Butter	Lb.	7,385,564	4,965,324	3,424,987	969,724
Cheese	Lb.	12,907,683	13,107,105	8,978,251	9,074,242
Eggs	£	98,911	706,423	654,653	321,745
Pork, bacon	Lb.	466,462	724,461	534,122	413,789
Mutton	Carc.	3,299	133,833	22,623	1,446
Lamb	Carc.	667,248	529,255	361,926	92,188
Wool (as greasy)	Lb.	87,272,802	113,586,000	108,042,000	108,183,000
Currants, raisins	Lb.	42,692,777	12,908,752	19,982,100	17,421,031
Tree fruits - fresh, dried etc	£	275,074	560,672	620,788	848,510
Wine	Gall	3,440,509	890,763	1,048,946	989,937

V. MANURE USED

Particulars		1938-39	1949-50	1950-51	1951-52
Crops manured	Acres	4,281,419	3,121,981	3,251,559	3,172,638
Manure used	Tons	179,118	148,149	153,803	153,805
Cropped area manured	%	90.6	86.3	88.4	86.4
Manure per acre	Lbs.	93.7	106.3	106.0	108.6
Pastures manured	Acres	1,095,120	1,792,334	1,859,400	2,150,159
Manure used	Tons	56,325	95,618	101,979	116,240
Manure per acre	Lbs.	115.2	119.5	122.8	121.1

The quantity of manure is that used for producing the crops grown in the seasons stated. In connection with top-dressed pastures, it is noted that 129,608 (135,152) acres of lucerne and 1,028,440 (930,571) acres of clover and grasses other than native grasses were grazed during the year, apart from lucerne, clover, etc. harvested for seed or hay.

Particulars of fertilisers used for 1951-52 were:-

Crop	Area Manured	Super phosphate	Other Fertilisers	Total per acre
	Acres	Tons	Tons	Lbs.
Wheat for Grain	1,555,898	69,809	131	100.69
Other Cereals, Hay	1,528,645	67,466	297	99.30
Vegetables	13,149	2,293	3,325	956.99
Fruits, Vines	48,568	2,986	6,131	420.49
Other Crops	26,378	1,299	68	116.14
Total Crops	3,172,638	143,853	9,952	108.59
Pastures	2,150,159	115,535	705	121.10
GRAND TOTAL	5,322,797	259,388	10,657	113.64

VI. LIVESTOCK ETC.

Particulars		1938-39	1949-50	1950-51	1951-52
Sheep	No.	9,936,586	9,477,026	10,166,513	11,470,088
Cattle -					
Dairy Cows	"	165,110	203,166	183,839	176,455
Other	"	153,787	260,975	248,727	261,013
Horses	"	195,834	82,617	71,215	63,285
Pigs	"	71,292	69,523	67,517	64,903
Ewes Mated	"	4,202,848	4,278,181	4,329,140	4,543,285
Lambs Marked	"	3,077,634	3,040,458	3,185,691	3,202,656
Wool Production	Lbs.	102,888,121	106,707,489	114,138,025	123,564,012
Butter Made	"	20,716,584	19,625,923	17,402,326	18,200,000
Cheese Made	"	18,457,598	23,714,869	20,006,709	23,800,000
Milk Production	Gall	72,500,000	89,400,000	83,550,000	88,000,000
Bacon and Ham	Lbs.	5,987,363	7,430,210	6,785,893	6,450,000
Slaughterings		1938	1949	1950	1951
Sheep, Lambs	No.	1,588,507	2,317,177	2,021,731	1,546,508
Cattle, Calves	"	167,451	200,848	217,688	215,665
Pigs	"	150,369	115,371	110,933	113,601

VII. MACHINERY, IMPLEMENTS

		1938-39	1949-50	1950-51	1951-52
Tractors	No.	5,969	13,709	16,128	18,184
Engines (stationary)	"	16,841	22,256	23,942	25,872
Ploughs	"	30,609	27,533	N.A.	N.A.
Rotary Hoes	"	531 b	1,108	1,286	1,550
Potato Diggers	"	N.A.	365	427	463
Hay Pressers and Balers	"	275 a	860	900	1,164
Spraying Plants (power driven)	"	N.A.	1,540	1,709	2,004
Electric Motors ($\frac{1}{2}$ H.P. & over)	"	N.A.	4,098	5,201	6,140
Grain Drills	"	19,203	16,790	N.A.	N.A.
Binders	"	10,632	8,654	N.A.	N.A.
Headers, Strippers etc.	"	N.A.	13,605	N.A.	N.A.
Milking Machines	"	684	4,198	4,590	4,909
Shearing Machines	"	2,976 a	6,846	8,134	9,054

N.A. Not available. a. 1942-43 b. 1943-44.

Increases are noted in power machinery such as tractors, engines, milking machines, shearing machines, rotary hoes etc. but the decrease in crop areas was reflected in the decreases in drills, ploughs, binders, headers, etc. when last collected in 1949-50.

Details for 1951-52 were as follows:-

Tractors. Crawler or track type 2,788, Wheeled type 15,396.
 Milking Machines. Unit size 1 and unspecified 805, 2 - 2,405, 3 - 1,068, 4 - 479, 5 - 81, 6 - 71, Total Units 28,698.
 Shearing Machines as per number of stands 1 and unspecified - 3,555, 2 - 4,381, 3 - 724, 4 - 247, 5 - 82, 6 - 65, Total Stands 9,054.
 Particulars are not available for 1951-52 but in 1949-50 there were 5,017 disc cultivators, 6,321 spring tooth cultivators, 6,530 rigid tine cultivators, 98,433 harrows (leaves). 2,806 scarifiers, 2,256 other cultivators, 3,393 fertiliser distributors and broadcasters, 718 seed planters, 16,790 grain drills (12,030 combine type 4,760 other, 5,028 mowers, 6,722 hay rakes, 14,204 motor trucks and lorries.

VIII. PERSONS ENGAGED PERMANENTLY

Particulars		1938-39	1949-50	1950-51	1951-52
Males	No.	41,421	38,561	36,944	37,313
Females	No.	2,942	6,990	6,117	4,699
Persons	No.	44,363	45,551	43,061	42,012

Particulars have been collected under the following headings.

		Occupiers, Lessees, etc.		Unpaid Relatives		Paid Employees	
		1951	1952	1951	1952	1951	1952
Males	No.	26,919	27,163	1,861	1,732	8,164	8,418
Females	"	4,053	2,969	1,116	893	948	837

Temporary Employees - March, 1952 (1951) - 17,283 (13,129) Males, 3,111 (3,047) Females.

Wages and Salaries (including Value of Keep) 1951-52 (1950-51). To Permanent Workers, Males £3,939,781 (£3,053,165), Females £182,629 (£142,907). To Temporary Workers, Males £2,709,713 (£1,876,204), Females £152,117 (£135,981).

IX BEEKEEPING

Allowing for varying good and bad seasons (usually alternating) it can be said that the production of honey and beeswax in recent years has been considerably greater than 10 years previously. During 1948-49 there was the record production of 10,906,372 lbs. of honey and of 140,384 lbs. of beeswax. For 1951-52 (1950-51) there were 4,190,594 (5,802,711) lbs. of honey and 58,178 (78,838) lbs. of beeswax. There were 1,164 (1,237) beekeepers with 69,347 (84,598) productive and 23,254 (21,148) unproductive hives. The number of beekeepers remains fairly constant.

A. W. BOWDEN,

GOVERNMENT STATIST.

Statistical Office, ADELAIDE.
2nd October, 1952.